

M 5.4, 77 km SSE of Sharm el-Sheikh, Egypt

Origin Time: 2020-06-16 14:30:26 UTC (Tue 16:30:26 local)
Location: 27.3067° N 34.7133° E Depth: 10.0 km

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

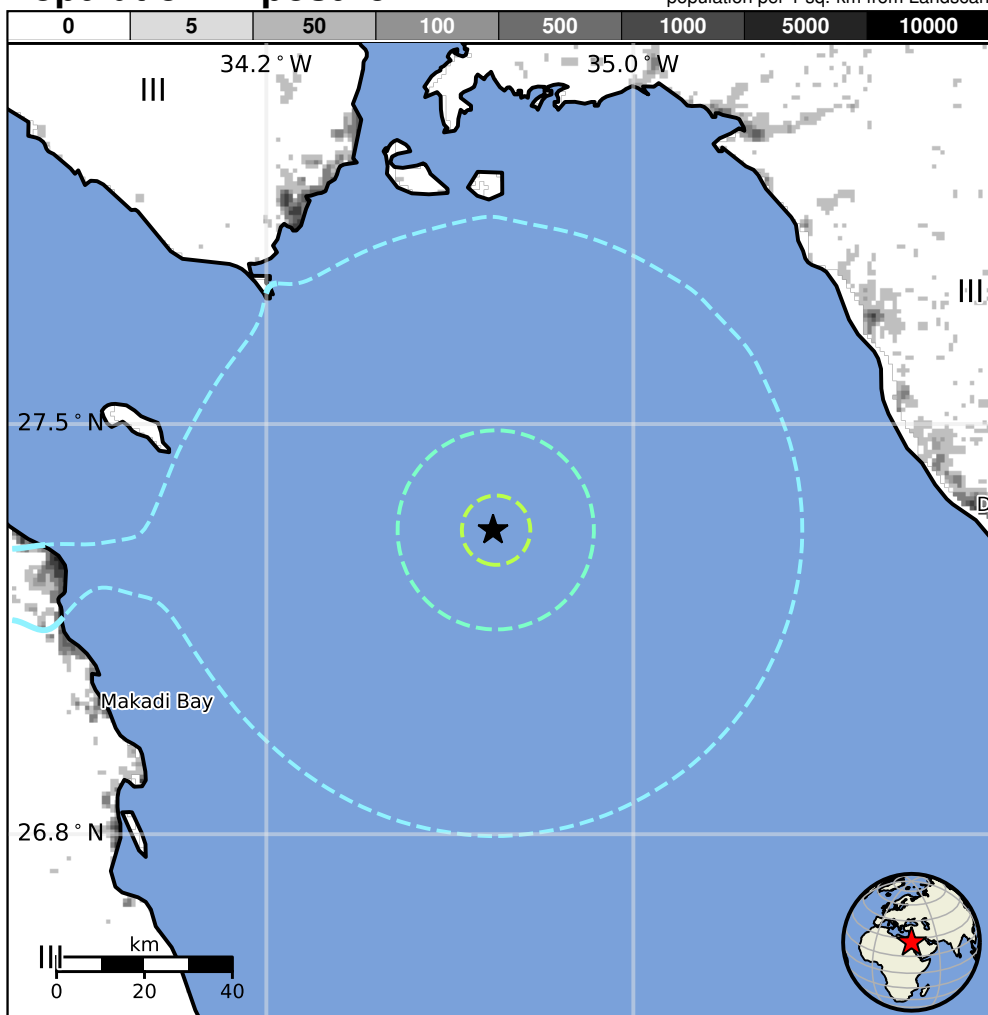


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	117k*	261k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are extremely vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are unreinforced brick masonry and low-rise nonductile concrete frame with infill construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1998-12-14	367	4.5	III(1,614k)	—
1995-11-23	215	5.7	VII(1k)	—
1995-11-22	161	7.2	VIII(2k)	9

Recent earthquakes in this area have caused secondary hazards such as liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Makadi Bay	4k
IV	Sharm el-Sheikh	12k
III	Duba	22k
III	Bur Safajah	33k
IV	Hurghada	96k

bold cities appear on map.

(k = x1000)